

416-20



Impossible?

"Cut light helicopter
operating costs in half?"

"Impossible" they said.

But the TH-55A Primary Trainer
conclusively demonstrated these
savings at Ft. Wolters.

*(It set the
world endurance
record besides.)*



"Carry a pilot plus 5 troops
in full field gear?"

Self-retrieve a complete
helicopter?

Exceed 170 mph?

Provide a ferry range of
1400 miles?

All with 250 Horsepower
and a 26 foot rotor?

Impossible!" They said.
But the OH-6A does all this

*(also Hughes guarantees
maintenance of .55
man hours per flight hour.)*

170/
135.4

"No gear boxes?"

No shafting?

No tail rotor?

Useful load capacity twice
its own empty weight?"

This was "Impossible" too.
Except that the Hughes XV-9A
proved it in one of the most
successful research vehicle
programs ever conducted.

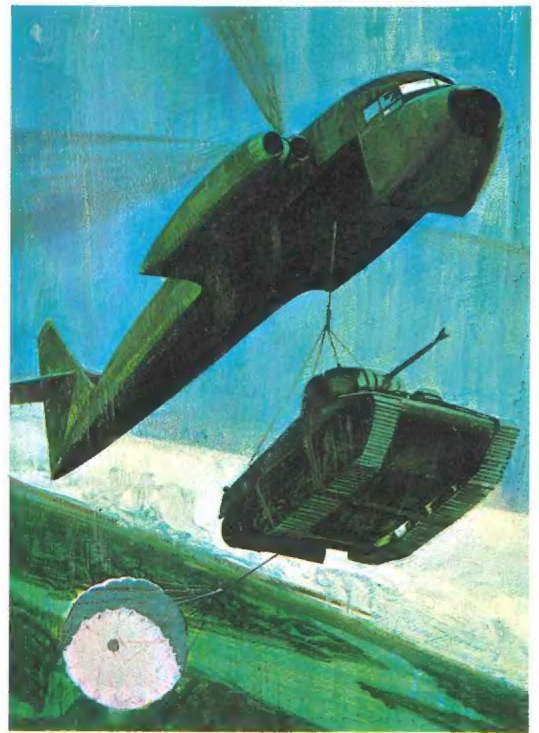


*(see the next
page for what its
Hot Cycle
Propulsion System
will do.)*

HUGHES HELICOPTERS -A success story
based on guaranteeing the "impossible."



Helicopters that fly 500 mph ...



**Flying cranes
able to lift 3 times
their own weight.**

The Hughes XV-9A proved that both are possible. The Hot Cycle Propulsion System is the key. Light in weight. Efficient. Above all *simple*. Replaces complex mechanical drives with a pneumatic drive. Opens up a whole new era in flight!

ENGINEERS: THE FUTURE IN VTOL IS AT HUGHES TOOL

Unusual professional opportunities exist at Hughes for the following engineers:

- STRUCTURES ANALYSIS
- PERFORMANCE ANALYSIS
- STABILITY ANALYSIS
- DYNAMICS ANALYSIS
- FLIGHT TEST
- TEST INSTRUMENTATION
- STRUCTURES DESIGN
- MECHANISM DESIGN
- ROTOR BLADE DESIGN

We invite your inquiry on these immediate assignments. Please airmail your resume in confidence to: Mr. G. F. Michels, Employment Manager.

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HUGHES TOOL COMPANY / AIRCRAFT DIVISION



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